

Title (en)
SURFACE REWINDER WITH CENTER ASSIST AND BELT AND WINDING DRUM FORMING A WINDING NEST

Title (de)
OBERFLÄCHENAUFROLLER MIT MITTELUNTERSTÜTZUNG SOWIE BAND- UND WICKELTROMMEL IN FORM EINES WICKELNESTES

Title (fr)
RÉENROULEUR DE SURFACE À ASSISTANCE CENTRALE ET COURROIE ET TAMBOUR D'ENROULEMENT FORMANT UN NID D'ENROULEMENT

Publication
EP 3717387 A4 20220112 (EN)

Application
EP 18883038 A 20181126

Priority
• US 201762592103 P 20171129
• US 2018062462 W 20181126

Abstract (en)
[origin: US2019161302A1] A rewinding machine winds a web material into a log about a core. The web material to be wound is directed about a rotating winding drum. A continuous loop is spaced from the winding drum and with the winding drum defines a nip through which the core is inserted and through which the web material is directed. A surface of the continuous loop opposite the winding drum across the nip is configured to move in a direction generally opposite of the winding drum for winding the web material about the core. A rider roll defines a winding space with the winding drum and the continuous loop. The rider roll is movable relative to the continuous loop and the winding drum to allow for an increase in a diameter of the log in the winding space during winding of the web material about the core.

IPC 8 full level
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CPC (source: EP US)
B65H 18/023 (2013.01 - EP); **B65H 18/08** (2013.01 - EP); **B65H 18/10** (2013.01 - US); **B65H 18/20** (2013.01 - US); **B65H 18/26** (2013.01 - US); **B65H 19/2269** (2013.01 - EP US); **B65H 75/2455** (2021.05 - EP); **B65H 75/30** (2013.01 - EP); **B65H 2301/413243** (2013.01 - EP); **B65H 2301/41346** (2013.01 - EP); **B65H 2301/41372** (2013.01 - EP); **B65H 2301/41447** (2013.01 - EP US); **B65H 2301/41468** (2013.01 - EP); **B65H 2301/41822** (2013.01 - EP US); **B65H 2403/73** (2013.01 - EP); **B65H 2404/261** (2013.01 - EP); **B65H 2408/235** (2013.01 - EP US); **B65H 2701/1924** (2013.01 - EP)

Citation (search report)
• [XA] US 4327877 A 19820504 - PERINI FABIO
• [A] US 4856725 A 19890815 - BRADLEY JOHN J [US]
• See also references of WO 2019108480A1

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